

## **AMENDMENTS TO THE CLAIMS**

### ***Claims 1-32. (Canceled)***

33. **(Currently Amended)** The loudspeaker according to claim 41, wherein said edgeedge member includes convexities and concavities alternately arranged in a peripheral direction of said edgeedge member.

34. **(Currently Amended)** The loudspeaker according to claim 41, wherein the loudspeaker has a length and a width, with the length being greater than the width, and  
a variation in thickness of said edgeedge member in a lengthwise direction of the loudspeaker is greater than a variation in thickness of said edgeedge member in a widthwise direction of the loudspeaker.

35. **(Currently Amended)** The loudspeaker according to claim 34, wherein a dimension of said inner peripheral portion of said edgeedge member is smaller than a corresponding dimension of said outer peripheral portion said diaphragm.

36. **(Currently Amended)** The loudspeaker according to claim 34, wherein said edgeedge member is corrugated in a direction from said inner peripheral portion of said edgeedge member to said outer peripheral portion of said edgeedge member.

37. **(Currently Amended)** The loudspeaker according to claim 34, wherein said edgeedge member includes ribs in a direction from said inner peripheral portion of said edgeedge member to said outer peripheral portion of said edgeedge member.

38. **(Currently Amended)** The loudspeaker according to claim 34, wherein said edgeedge member includes ribs in a peripheral direction of said edgeedge member.

39. **(Currently Amended)** The loudspeaker according to claim 34, wherein a thickness of said edgeedge member in a lengthwise direction of the loudspeaker is greater than a thickness of said edgeedge member in a widthwise direction of the loudspeaker.

40. **(Currently Amended)** The loudspeaker according to claim 41, wherein an expansion ratio of said foamed resin differs between said inner peripheral portion of said edgeedge member and said outer peripheral portion of said edgeedge member.

41. **(Currently Amended)** The loudspeaker according to claim ~~32~~60, wherein said edgeedge member includes skin layers on said foamed layer.

42. **(Currently Amended)** The loudspeaker according to claim 41, wherein a dimension of said inner peripheral portion of said edgeedge member is smaller than a corresponding dimension of said outer peripheral portion of said diaphragm.

43. **(Currently Amended)** The loudspeaker according to claim 41, wherein said edgeedge member is corrugated in a direction from said inner peripheral portion of said edgeedge member to said outer peripheral portion of said edgeedge member.

44. **(Currently Amended)** The loudspeaker according to claim 41, wherein said edgeedge member includes ribs in a direction from said inner peripheral portion of said edgeedge member to said outer peripheral portion of said edgeedge member.

45. **(Currently Amended)** The loudspeaker according to claim 41, wherein said edgeedge member includes ribs in a peripheral direction of said edgeedge member.

46. **(Currently Amended)** The loudspeaker according to claim 41, wherein

the loudspeaker has a length and a width, with the length being greater than the width,  
and

a thickness of said ~~edge~~edge member in a lengthwise direction of the loudspeaker is  
greater than a thickness of said ~~edge~~edge member in a widthwise direction of the loudspeaker.

***Claim 47-54. (Canceled)***

55. **(Currently Amended)** The loudspeaker according to claim ~~48~~61, wherein  
said ~~edge~~edge member includes skin layers on said foamed layer.

56. **(Currently Amended)** The loudspeaker according to claim ~~49~~62, wherein  
said ~~edge~~edge member includes skin layers on said foamed layer.

57. **(Currently Amended)** The loudspeaker according to claim ~~50~~63, wherein  
said ~~edge~~edge member includes skin layers on said foamed layer.

58. **(Currently Amended)** The loudspeaker according to claim ~~51~~64, wherein  
said ~~edge~~edge member includes skin layers on said foamed layer.

59. **(Currently Amended)** The loudspeaker according to claim ~~52~~65, wherein  
said ~~edge~~edge member includes skin layers on said foamed layer.

60. **(New)** A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from said outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes an outer peripheral portion that is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion and said outer peripheral portion are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam,

wherein a thickness of a sectional shape of said inner peripheral portion of said edge member is thinner than a thickness of a sectional shape of said outer peripheral portion of said edge member, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

61. (New) A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from said outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said

outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes an outer peripheral portion that is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion and said outer peripheral portion are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam,

wherein the loudspeaker has a length and a width, with the length being greater than the width,

wherein a thickness of said edge member in a lengthwise direction of the loudspeaker is greater than a thickness of said edge member in a widthwise direction of the loudspeaker, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

62. (New) A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from said outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes an outer peripheral portion that is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion and said outer peripheral portion are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, said foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam, and includes convexities and concavities alternately arranged in a peripheral direction of said edge member, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

**63. (New)** A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from said outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes an outer peripheral portion that is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion and said outer peripheral portion are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded

thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam,

wherein a dimension of said inner peripheral portion of said edge member is smaller than a corresponding dimension of said outer peripheral portion of said diaphragm, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

64. **(New)** A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from said outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes an outer peripheral portion that is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion and said outer peripheral portion are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam,

wherein said edge member is corrugated in a direction from said inner peripheral portion of said edge to said outer peripheral portion of said edge member, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

65. (New) A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from said outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes an outer peripheral portion that is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion and said outer peripheral portion are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam,

wherein said edge member includes ribs that extend from said inner peripheral portion of said edge member to said outer peripheral portion of said edge member, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.